

GOVERNMENT OF ANDHRA PRADESH**ABSTRACT**

Water Resources Department – APSIDC Ltd – NABARD - Lift Irrigation Schemes – Administrative sanction to 20 Lift Irrigation Schemes under RIDF XXIII for an estimated amount of Rs. 12062.61 Lakhs – Accorded – Orders – Issued.

WATER RESOURCES (MIG) DEPARTMENT**G.O.MS.No. 4****Dated: 10-01-2018****Read the following:**

1. From the JMD, APSIDC, Lr.No.IDC/JMD/Tech/DEE-I/RIDFXXIII/2017-18/709, dt:04-07-2017.
2. From the JMD, APSIDC Lr.No.IDC/JMD/Tech/DEE-I/RIDFXXIII/2017-18/2179,dt:03-01-2018.
3. Special Secretary to Government (B&IF)Lr.No. FIN-26021/1/NABARD &SP/2018, Finance (NABARD.SP) Department, Dt. 04.01.2018.

ORDER:-

In the circumstances reported by the Joint Managing Director, Andhra Pradesh State Irrigation Development Corporation Limited and Special Secretary to Government (B&IF), Finance (NABARD.SP) Department in their letters read above, Government after careful consideration, hereby accord Administrative Approval to the following 20 Lift Irrigation Schemes under RIDF-XXIII Tranche for a total estimated cost of Rs. 12062.610 Lakhs (Rupees Twelve Thousand and Sixty Two Lakhs and Sixty one thousand only), out of which NABARD loan is Rs.10084.673 Lakhs (Rupees Ten thousand Eight Four Lakhs, Sixty Seven thousand and three hundred only) and GoAP share is Rs.1977.937 Lakhs (Rupees One thousand Nine hundred and Seventy Seven Lakhs and Ninety three thousand Seven hundred only) to benefit an ayacut of 9965.56 hectares, as mentioned in the following statement :-

Sl No	Name of the L I Scheme	District	Ayacut in hectares	Total financial outlay (Rs in lakhs)	RIDF loan (Rs in lakhs)	Govt. of AP Share (Rs in lakhs)
1	Mathala LIS	Srikakulam	526.10	964.000	800.498	163.502
2	Kaduma LIS	Srikakulam	469.00	1007.180	840.351	166.829
3	Sowdam LIS	Srikakulam	627.28	1088.000	904.495	183.505
4	Sankaram LIS	Visakha-patnam	113.00	258.470	218.538	39.932
5	Gurugimilli-1& 2 LIS	West Godavari	80.94	244.100	208.278	35.822
6	Kondangi-1 LIS	Krishna	1577.09	602.110	505.257	96.853
7	Kondangi-2 LIS	Krishna	2011.33	523.920	441.550	82.370
8	Dasullapalem LIS	Krishna	109.67	222.680	186.067	36.613
9	Velagaleru-2 LIS	Krishna	244.03	298.020	251.151	46.869

10	Aripirala LIS	Krishna	1456.00	890.300	748.847	141.453
11	Mulukuduru-1 LIS	Guntur	307.57	377.700	314.839	62.861
12	Achampalem LIS	Guntur	182.11	323.000	269.876	53.124
13	Suddapalli LIS	Guntur	161.88	465.150	386.498	78.652
14	Irlapadu LIS	Guntur	509.92	653.000	544.920	108.080
15	Rajapeta LIS	Guntur	222.99	412.000	345.952	66.048
16	Velamvari-palem LIS	Prakasam	419.26	875.050	731.870	143.180
17	Kamanuru-II LIS	Kadapa	101.98	228.200	190.484	37.716
18	Zurreru LIS	Kurnool	612.71	2101.400	1753.215	348.185
19	Sangapat-nam LIS	Kurnool	103.20	265.330	220.533	44.797
20	Peddachi-gullareu-2 LIS	Anantapuram	129.50	263.000	221.454	41.546
		Total	9965.56	12062.610	10084.673	1977.937

2. The General Abstract of 20 LI Schemes are annexed to this Order as Annexure -I to XX.

3. The Expenditure sanctioned above shall be debited to the Head of Account "4702 - MH - 101 - GH 07 RIDF- SH (15)- 530, 531 Other expenditure".

4. The Joint Managing Director, APSIDC Ltd., shall examine the following before according technical sanction:-

1. The JMD shall ensure correctness of quantities, leads, rates and data proposed in the estimate.
2. Multiple quotations obtained for non-SSR items.
3. Designs, drawing and observed data shall be got approved by competent authority.
4. Though the HC was accorded by the ENC (AW) for a period of 15 years at 3 interval of 5 years each, the initial period of 5 years i.e H.C, expires by 22-7-2016, the JMD requested to obtain renewal of HC from competent authority for the work Gurugumilli I & II LI Schemes before according technical sanction (the JMD has informed that the renewal of HC is under process).
5. The HC accorded for an initial period of 5 years to the Sankaram L.I. Scheme (Urakagedda LIS) was expired by 21-8-2017. Hence, the JMD, APSIDC requested to obtain renewal of HC from the competent authority, before according technical sanction.

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5. This order does not require the concurrence of Finance Department as per instructions issued by Finance (W.A.II) Department in Memo. No. 22591 D/382/RIDF/WA.II/201, Dated: 10.08.2001.

(THIS ORDER ISSUED BY ORDER AND IN THE NAME OF THE GOVERNER OF ANDHRA PRADESH)

SHASHI BHUSHAN KUMAR
SECRETARY TO GOVERNMENT

To
The Joint Managing Director, APSIDC Ltd., Vijayawada.
The Engineer-in-Chief (Irrigation), W.R Department, Vijayawada.
The Chief Engineer, Central Designs Organization, Vijayawada.
The Chief Engineer, Minor Irrigation, Vijayawada.
The Accountant General, Hyderabad.
The Pay and Accounts Officer, A.P.Vijayawada.
Copy to
The Finance (NABARD.SP) Department.

// FORWARDED :: BY ORDER//

SECTION OFFICER

Annexure- I to G.O.Ms.No.4 , Water Resources(MIG) Dept., Dt: 10.01.2018
MATHALA LIFT IRRIGATION SCHEME IN SRIKAKULAM DISTRICT
GENERAL ABSTRACT

General Abstract		
Sl. No.	Description	Amount Rs. in Lakhs
I	Civil Works	
1	Intake Well	7.31
2	Intake pipe line	15.69
3	Jack well cum pump House	67.30
4	Pressure Main -1	14.83
5	Pressure Main -2	174.43
6	Main Delivery Cistern-1	6.62
7	Main Delivery Cistern-2	6.62
8	Gravity Mains	383.77
9	Transformer Yard Civil Works	2.47
10	Approach Road	8.11
	Total cost of civil works (I)	687.15
II	Electrical and Mechanical Works	
1	Cost of 2 No's of 100 HP & 2 No's of 35 HP VT Pump sets including cables, panels etc	70.79
2	DP Structure with 315 KVA transformer	6.84
	Total cost of Elec. & Mech. works (II)	77.63
III	VAT @ 5 % on cost of Civil, Mech & Electrical works	38.24
IV	Survey and Investigation charges @ Rs 350/- per acre for 1300 acres	4.55
V	Establishment charges @ 15% on Civil, Mech & Electrical works	114.72
VI	Service line charges including development charges and initial consumption deposit Payable to APSPDCL	19.91
VII	Maintenance charges of the scheme for two years	2.11
VIII	Capacity building and sensitization of members of Beneficiary committee @ 0.50 % on cost of works	3.82
IX	Labour cess @ 1% on Civil, Electrical & Mech. works	7.65
X	NAC @ 0.10% on Civil, Electrical & Mech. works	0.76
XI	Provision for Seigniorage Charges	3.31
XII	Provision for Tender Publication charges	2.83
XIII	Non refundable fee payable to SE /Irrigation circle/Srikakulam	1.32
	Total Cost of the Project	964.00

SHASHI BHUSHAN KUMAR
SECRETARY TO GOVERNMENT

Annexure- II to G.O.Ms.No.4 , Water Resources(MIG) Dept., Dt: 10.01.2018
KADUMA LIFT IRRIGATION SCHEME IN SRIKAKULAM DISTRICT
GENERAL ABSTRACT

Sl. No.	Item	Amount Rs. in Lakhs
I	Civil Works	
1	Intake Well	7.60
2	Intake pipe line	317.40
3	Jack Well cum Pump House	63.29
4	Pressure Main	88.51
5	Main Delivery Cistern	4.14
6	Gravity mains	218.18
7	Approach road	2.50
8	Transformer Yard Civil Works	3.03
	Total cost of Civil works(I)	704.65
II	Electrical and Mechanical works	
1	Supply & Fixing of 3 Nos of 80 HP and 1 No. of 40 HP Vertical Turbine Pump sets including cost of MS pipes and connections and Sluice valves and Reflux valves etc.,	68.80
2	Cost of D.P Structure with 315 KVA Transformer	6.84
	Total cost of Electrical and Mechanical works(II)	75.64
III	VAT @ 5% on cost of Civil, Electrical & Mechanical works	39.02
IV	Survey and Investigation charges @ Rs 350/- per acre for 1160 acres	4.06
V	Establishment charges @ 15% on cost of Civil and Electrical & Mechanical works	117.04
VI	Service line charges including development charges and initial consumption deposit Payable to APEPDCL	47.87
VII	Maintenance of the scheme for two years	2.18
VIII	Capacity building / Sensitization of members of the beneficiary committee @ 0.50% on works	3.90
IX	Provision for Labour cess @ 1% on Civil, Electrical & Mech. works	7.80
X	Provision for NAC@ 0.1% on Civil, Electrical & Mech. works	0.78
XI	Provision for Seigniorage charges	1.41
XII	Provision for Tender Publication charges	1.66
XIII	Non – Refundable fee payable to SE/Irrigation Circle/Bobbili	1.17
	Total Cost of the Project	1007.18

SHASHI BHUSHAN KUMAR
SECRETARY TO GOVERNMENT

Annexure- III to G.O.Ms.No. 4 , Water Resources(MIG) Dept., Dt: 10.01.2018

SOWDAM LIFT IRRIGATION SCHEME IN SRIKAKULAM DISTRICT

GENERAL ABSTRACT

Sl. No.	Item	Cost (Rs. in lakhs)
I	Civil Works	
1	Head wall	8.20
2	Intake pipe line	7.22
3	Sump well	58.78
4	Pump house	44.53
5	Pressure Main	200.97
6	Main Gravity main	45.73
7	Main Delivery Cistern – I at end of Pressure main	22.73
8	Main Delivery Cistern – II at end of Main Gravity main	8.38
9	Gravity mains	338.46
10	Approach road	8.93
11	Civil works in Transformer yard	2.48
	Total cost of Civil works	746.41
II	Electrical and Mechanical works	
1	Supply & Fixing of 4 Nos of 160 HP Horizontal Centrifugal Pump sets including cost of Panel boards, Cables, Erection Tools and all other accessories including cost of 2 Nos of 10 H.P. Vacuum Pump sets etc.,	67.56
2	MS Pipes & Specials	23.55
3	Cost of Six pole Structure with 2 Nos of 400 KVA Transformers	22.00
	Total cost of Electrical and Mechanical works	113.11
III	VAT @ 5% on cost of Civil, Electrical & Mechanical works	42.98
IV	Survey and Investigation charges @ Rs 350/- per acre	5.43
V	Establishment charges @ 15% on cost of Civil and Electrical & Mechanical works	128.93
VI	Service line charges including development charges and initial consumption deposit Payable to A.P. TRANSCO.,	25.00
VII	Maintenance charges of the scheme for two years	4.99
VIII	Capacity building / Sensitization of members of the beneficiary committee @ 0.50% on works	4.30
IX	Labour cess @ 1% on Civil, Electrical & Mech. works	8.56
X	NAC@ 0.1% on Civil, Electrical & Mech. works	0.86
XI	Provision for Seigniorage charges	4.76
XII	Provision Tender Publication charges	2.67
	Total Cost of the Project	1088.00

SHASHI BHUSHAN KUMAR
SECRETARY TO GOVERNMENT

Annexure- IV to G.O.Ms.No.4, Water Resources(MIG) Dept., Dt: 10.01.2018
SANKARAM LIFT IRRIGATION SCHEME, VISHAKAPATNAM DISTRICT
GENERAL ABSTRACT

Sl. No.	Item	Cost (Rs. In lakhs)
I	Civil Works	
1	Preliminaries	0.48
2	Head wall and Intake pipeline	15.24
3	Sump Well	11.07
4	Pump House	6.66
5	Pressure main	28.50
6	Gravity mains	84.45
7	Main Delivery Cistern	1.73
8	Approach Road	3.80
9	Transformer yard Civil works	1.74
	Total cost of Civil works(I)	153.67
II	Electrical and Mechanical works	
1	Supply & Fixing of 2 Nos of 35 HP Horizontal Centrifugal Pump sets with starters including cables, panel board, Manifold connections etc.,	14.89
2	Cost of D.P Structure with 100 KVA Transformer	5.00
	Total cost of Electrical and Mechanical works(II)	19.89
III	VAT @ 5% on cost of Civil, Electrical & Mechanical works	8.68
IV	Survey and Investigation charges @ Rs 350/- per acre for 280 acres	0.98
V	Establishment charges @ 15% on cost of Civil and Electrical & Mechanical works	26.03
VI	Service line charges including development charges and initial consumption deposit Payable to AP transco	42.73
VII	Maintenance of the scheme for two years	1.10
VII	Capacity building / Sensitization of members of the beneficiary committee @ 0.50% on works	0.87
VIII	Labour cess @ 1% on Civil, Electrical & Mech. works	1.74
IX	Provision for NAC@ 0.1% on Civil, Electrical & Mech. works	0.17
X	Provision for Seigniorage charges	0.80
XI	Provision Tender Publication and Photography charges	1.53
XII	Non refundable fee payable to SE / Irrigation circle/ Visakhapatnam	0.28
	Total Cost of the Project	258.47

SHASHI BHUSHAN KUMAR
SECRETARY TO GOVERNMENT

Annexure- V to G.O.Ms.No. 4, Water Resources(MIG) Dept., Dt: 10.01.2018
GURUGIMILLI – 1 & 2 LIFT IRRIGATION SCHEMES IN WEST GODAVARI DISTRICT
GENERAL ABSTRACT

Sl. No.	Item	Cost (Rs. in lakhs)
I	Civil Works	
1	Preliminaries	0.29
2	Intake well	2.48
3	Intake pipe line	1.68
4	Sump well	19.17
5	Pump House	17.48
6	Delivery Chamber for Scheme-1	1.68
7	Gravity Main for Scheme-1	24.39
8	Pressure main for Scheme-2	27.57
9	Delivery Chamber for Scheme-2	1.60
10	Gravity Main – 1 & 2 for Scheme-2	19.91
11	Civil Works in Transformer Yard	2.93
12	Minors	1.16
	Total cost of Civil works	120.34
II	Electrical and Mechanical works	
1	Supply, Erection of 2 Nos of 15 HP HCF Pump sets for Scheme-1 and 2 Nos of 25 HP HCF pump sets for Scheme-2 including all accessories.	26.74
2	Supply, Erection of 160 KVA Transformer and construction of Double pole structure	6.60
	Total cost of Electrical and Mechanical works	33.34
III	VAT 5% on Civil, Electrical & Mechanical works	7.68
IV	Survey and Investigation charges @ Rs 350/- per acre for 200 acres	0.70
V	Establishment charges @ 15% on cost of Civil and Electrical & Mechanical works	23.05
VI	Service line charges including development charges and initial consumption deposit Payable to AP TRANSCO	53.60
VII	Maintenance charges of the scheme for two years	1.10
VIII	Capacity building / Sensitization of members of the beneficiary committee @ 0.50% on works	0.77
IX	Labour cess @ 1% on Civil, Electrical & Mech. works	1.54
X	NAC @0.10% on Civil, Electrical & Mech. works	0.15
XI	Provision for seigniorage charges	0.79
XII	Tender Publication charges	1.04
	Total Cost of the Project	244.10

SHASHI BHUSHAN KUMAR
SECRETARY TO GOVERNMENT

Annexure- VI to G.O.Ms.No.4 , Water Resources(MIG) Dept., Dt: 10.01.2018
KONDANGI – 1 LIFT IRRIGATION SCHEME IN KRISHNA DISTRICT
GENERAL ABSTRACT

Sl. No.	Item	Cost (Rs. in lakhs)
I	Civil Works	
1	Intake Well	12.05
2	Intake pipe line	18.74
3	Sump Well	63.11
4	Pump House	54.63
5	Pressure Main	139.09
6	Protection wall at the end of pressure main	37.24
7	Transformer Yard Civil Works	6.97
	Total cost of Civil works	331.83
II	Electrical and Mechanical works	
1	Supply & Fixing of 4 No of 70 HP HCF Pump set including cost of panel board, cables etc	61.06
2	MS Pipes & Specials	41.07
3	Double Pole Structure with 400 KVA, 11 KV Transformer	7.77
	Total cost of Electrical and Mechanical works	109.90
III	VAT 5% on Civil, Electrical & Mechanical works	22.09
IV	Survey and Investigation charges @ Rs 350/- per acre for 420 acres	13.64
V	Establishment charges @ 15% on cost of Civil and Electrical & Mechanical works	66.26
VI	Service line charges including development charges and initial consumption deposit Payable to AP TRANSCO	39.40
VII	Maintenance charges of the scheme for two years	2.18
VIII	Capacity building / Sensitization of members of the beneficiary committee @ 0.50% on works	2.21
IX	Labour cess @ 1% on Civil, Electrical & Mech. works	4.42
X	NAC@ 0.1% on Civil, Electrical & Mech. works	0.44
XI	Provision for seigniorage charges	4.00
XII	Tender Publication charges	1.79
XIII	Non refundable fee payable to SE /IC/Vijayawada	3.95
	Total Cost of the Project	602.11

SHASHI BHUSHAN KUMAR
SECRETARY TO GOVERNMENT

Annexure- VII to G.O.Ms.No.4 , Water Resources(MIG) Dept., Dt: 10.01.2018
KONDANGI – 2 LIFT IRRIGATION SCHEME IN KRISHNA DISTRICT

GENERAL ABSTRACT

Sl. No.	Item	Cost (Rs. in lakhs)
I	Civil Works	
1	Intake Well	15.03
2	Intake pipe line	16.53
3	Sump Well	66.44
4	Pump House	95.47
5	Delivery Mains	22.80
6	Protection wall at the end of delivery mains	54.42
7	Transformer Yard Civil Works	7.09
	Total cost of Civil works	277.78
II	Electrical and Mechanical works	
1	Supply & Fixing of 4 Nos of 60 HP HCF Pump set including cost of panel board, cables etc	53.65
2	MS Pipes & Specials	29.33
3	DP Structure with 400 KVA, 11 KV Transformers	7.77
	Total cost of Electrical and Mechanical works	90.75
III	VAT 5% on Civil, Electrical & Mechanical works	18.43
IV	Survey and Investigation charges @ Rs 350/- per acre for 4970 acres	17.40
V	Establishment charges @ 15% on cost of Civil and Electrical & Mechanical works	55.28
VI	Service line charges including development charges and initial consumption deposit Payable to AP TRANSCO	45.27
VII	Maintenance charges of the scheme for two years	1.87
VIII	Capacity building / Sensitization of members of the beneficiary committee @ 0.50% on works	1.84
IX	Labour cess @ 1% on Civil, Electrical & Mech. works	3.69
X	NAC@ 0.1% on Civil, Electrical & Mech. works	0.37
XI	Provision for seigniorage charges	4.20
XII	Tender Publication charges	2.01
XIII	Non refundable fee payable to SE /IC/Vijayawada	5.03
	Total Cost of the Project	523.92

SHASHI BHUSHAN KUMAR
SECRETARY TO GOVERNMENT

Annexure- VIII to G.O.Ms.No.4 , Water Resources(MIG) Dept., Dt: 10.01.2018
DASULAPALEM LIFT IRRIGATION SCHEME IN KRISHNA DISTRICT
GENERAL ABSTRACT

Sl. No.	Item	Cost (Rs. in lakhs)
I	Civil Works	
1	Intake Well	7.46
2	Intake pipe line	1.52
3	Sump Well	6.95
4	Pump House	18.53
5	Pressure Main	93.92
6	Delivery chamber	2.34
7	Approach road	6.27
8	Transformer Yard Civil Works	6.13
	Total cost of Civil works	143.12
II	Electrical and Mechanical works	
1	Supply & Fixing of 2 Nos of 25 HP HCF Pump sets including cost of panel boards, cables etc	6.61
2	MS Pipes & Specials, Valves	4.77
3	D.P Structure with 100 KVA, 11 KV Transformer	4.19
	Total cost of Electrical and Mechanical works	15.57
III	VAT 5% on Civil, Electrical & Mechanical works	7.93
IV	Survey and Investigation charges @ Rs 350/- per acre	0.95
V	Establishment charges @ 15% on cost of Civil and Electrical & Mechanical works	23.80
VI	Service line charges including development charges and initial consumption deposit Payable to APSPDCL	24.17
VII	Maintenance charges of the scheme for two years	1.10
VIII	Capacity building / Sensitization of members of the beneficiary committee @ 0.50% on works	0.79
IX	Labour cess @ 1% on Civil, Electrical & Mech. works	1.59
X	NAC@ 0.1% on Civil, Electrical & Mech. Works	0.16
XI	Provision for seigniorage charges	1.00
XII	Provision for Tender Publication charges	2.23
XIII	Non refundable fee payable to SE /Irrgn.VJA	0.27
	Total Cost of the Project	222.68

SHASHI BHUSHAN KUMAR
SECRETARY TO GOVERNMENT

Annexure- IX to G.O.Ms.No.4 , Water Resources(MIG) Dept., Dt: 10.01.2018
VELAGALERU - 2 LIFT IRRIGATION SCHEME IN KRISHNA DISTRICT
GENERAL ABSTRACT

Sl. No.	Item	Cost (Rs. in lakhs)
I	Civil Works	
1	Intake Well	8.01
2	Intake pipe line	10.40
3	Jack Well cum Pump House	43.83
4	Pressure Main	80.36
5	Delivery chamber	1.92
6	Approach road	36.40
7	Transformer Yard Civil Works	5.74
	Total cost of Civil works	186.66
II	Electrical and Mechanical works	
1	Supply & Fixing of 2 No of 35 HP VT Pump sets including cost of panel boards, , cables etc	11.61
2	MS Pipes & Specials, Valves	4.11
3	D.P Structure with 100 KVA, 11 KV Transformer	4.98
	Total cost of Electrical and Mechanical works	20.70
III	VAT 5% on Civil, Electrical & Mechanical works	10.37
IV	Survey and Investigation charges @ Rs 350/- per acre for 603 acres	2.11
V	Establishment charges @ 15% on cost of Civil and Electrical & Mechanical works	31.10
VI	Service line charges including development charges and initial consumption deposit Payable to APSPDCL	39.04
VII	Maintenance charges of the scheme for two years	1.10
VIII	Capacity building / Sensitization of members of the beneficiary committee @ 0.50% on works	1.04
IX	Labour cess @ 1% on Civil, Electrical & Mech. works	2.07
X	NAC @ 0.1% on Civil, Electrical & Mech. works	0.21
XI	Provision for Seigniorage charges	1.50
XII	Provision for Tender Publication charges	1.51
XIII	Non refundable fee payable to SE/Irrgn.VJA	0.61
	Total Cost of the Project	298.02

SHASHI BHUSHAN KUMAR
SECRETARY TO GOVERNMENT

Annexure- X to G.O.Ms.No. 4 , Water Resources(MIG) Dept., Dt: 10.01.2018
ARIPIRALA LIFT IRRIGATION SCHEME IN KRISHNA DISTRICT
GENERAL ABSTRACT

General Abstract		
Sl. No.	Description	Amount Rs. in Lakhs
I	Civil Works	
1	Intake Well	13.40
2	Intake pipe line	22.41
3	Jack well cum pump House	220.41
4	Pressure Main	180.35
5	Delivery Chamber at the end of Pressure main	41.73
6	Approach Road	27.40
7	Transformer Yard Civil Works	9.59
	Total cost of civil works (I)	515.29
II	Electrical and Mechanical Works	
1	Cost of 4 No's of 110 HP VT Pump sets including cables, panels etc	82.97
2	MS Pipes & Specials, Valves	34.52
3	DP Structure with 500 KVA, 11 KV Transformer	12.00
	Total cost of Elec. & Mech. works (II)	129.49
III	VAT @ 5 % on cost of Civil, Mech & Electrical works	32.24
IV	Survey and Investigation charges @ Rs 350/- per acre for 3597 acres	12.59
V	Establishment charges @ 15% on Civil, Mech & Electrical works	96.72
VI	Service line charges including development charges and initial consumption deposit Payable to APSPDCL	79.78
VII	Maintenance charges of the scheme for two years	3.43
VIII	Capacity building and sensitization of members of Beneficiary committee @ 0.50 % on cost of works	3.22
IX	Labour cess @ 1% on Civil, Electrical & Mech. works	6.45
X	NAC @ 0.10% on Civil, Electrical & Mech. works	0.65
XI	Provision for Seigniorage Charges	4.70
XII	Provision for Tender Publication charges	2.10
XIII	Non refundable fee payable to SE /Irrigation circle/Vijayawada	3.64
	Total Cost of the Project	890.30

SHASHI BHUSHAN KUMAR
SECRETARY TO GOVERNMENT

Annexure- XI to G.O.Ms.No.4 , Water Resources(MIG) Dept., Dt: 10.01.2018

MULUKUDURU-1 LIFT IRRIGATION SCHEME IN GUNTUR DISTRICT

GENERAL ABSTRACT

Sl. No.	Item	Cost (Rs. in lakhs)
I	Civil Works	
1	Intake Well	5.22
2	Intake pipe line	11.48
3	Sump Well	29.92
4	Pump House	41.38
5	Delivery Cistern	8.90
6	Gravity Mains	142.05
7	Transformer Yard Civil Works	5.98
	Total cost of Civil works	244.93
II	Electrical and Mechanical works	
1	Cost of 3 Nos of 35HP HCF pump sets of 960 Rpm including cost of Pannel boards, MS Specials, Valves, cables, etc.,	30.33
2	Cost of DP structure with 1 No of 250KVA, 11KV Transformer	8.60
	Total cost of Elec. & Mechl Works	38.93
III	VAT @ 5 % on cost of Civil, Mech & Electrical works	14.19
IV	Survey and Investigation charges @ Rs 350/- per acre for 760 acres	2.66
V	Establishment charges @ 15% on Civil, Mech & Electrical works	42.58
VI	Service line charges including development charges and initial consumption deposit Payable to APSPDCL	24.36
VII	Maintenance charges of the scheme for two years	1.34
VIII	Capacity building and sensitization of members of Beneficiary committee @ 0.50 % on cost of works	1.87
IX	Labour cess @ 1% on Civil, Electrical & Mech. works	2.84
X	NAC @ 0.10% of the project cost.	0.28
XI	Provision for Seigniorage Charges	1.11
XII	Provision for Tender Publication charges	1.84
XIII	Non refundable fee payable to SE/IC/Guntur	0.77
	Total Cost of the Project	377.70

SHASHI BHUSHAN KUMAR
SECRETARY TO GOVERNMENT

Annexure- XII to G.O.Ms.No. 4 , Water Resources(MIG) Dept., Dt: 10.01.2018
ACHAMPALEM LIFT IRRIGATION SCHEME IN GUNTUR DISTRICT
GENERAL ABSTRACT

Sl. No.	Item	Cost (Rs. in lakhs)
I	Civil Works	
1	Preliminaries	0.29
2	Intake Well	1.80
3	Intake pipe line	12.00
4	Sump Well	12.09
5	Pump House	34.53
6	Pressure Main	84.96
7	Main Delivery Cistern	4.56
8	Gravity Mains	63.03
9	Transformer Yard Civil Works	3.40
10	Approach Road	3.59
	Total cost of Civil works	220.25
II	Electrical and Mechanical works	
1	Cost of 3 Nos of 40HP HCF pump sets including cables, panels etc	15.39
2	D P structure with 160 KVA transformer	6.09
	Total Cost of Elec. & Mechl Works	21.48
III	VAT @ 5 % on cost of Civil , Electrical & Mech works	12.09
IV	Survey and Investigation charges @ Rs 350/- per acre for 450 acres	1.58
V	Establishment charges @ 15% on cost of Civil , Electrical & Mech works	36.26
VI	Service line charges including development charges and initial consumption deposit Payable to AP TRANSCO	23.00
VII	Maintenance charges of the scheme for two years	1.17
VIII	Capacity building / Sensitization of members of the beneficiary committee @ 0.50% on works	1.60
IX	Labour cess @ 1% on Civil, Electrical & Mech. works	2.42
X	NAC @ 0.10% on Civil, Electrical & Mech. works	0.32
XI	Provision for Seigniorage charges	1.21
XII	Tender Publication charges	1.06
XIII	Non refundable fee payable to SE /IC/Guntur	0.56
	Total Cost of the Project	323.00

SHASHI BHUSHAN KUMAR
SECRETARY TO GOVERNMENT

Annexure- XIII to G.O.Ms.No. 4 , Water Resources(MIG) Dept., Dt: 10.01.2018

**SUDDAPALLI LIFT IRRIGATION SCHEME IN GUNTUR DISTRICT
GENERAL ABSTRACT**

Sl. No.	Item	Cost (Rs. in lakhs)
I	Civil Works	
1	Intake Well	4.01
2	Intake pipe line	6.28
3	Sump Well	9.03
4	Pump House	26.14
5	Pressure Main	190.74
6	Delivery Cistern	8.78
7	Gravity main-1	48.43
8	Gravity main-2	35.06
9	Transformer Yard Civil Works	4.17
	Total cost of Civil works	332.64
II	Electrical and Mechanical works	
1	Supply & Fixing of 2 Nos of 40 HP HCF Pump set including cost of panel board, MS pipes and specials, cables , valves etc	22.03
2	D.P Structure with 250 KVA Transformers	6.03
	Total cost of Electrical and Mechanical works	28.06
III	VAT @ 5 % on cost of Civil ,Elec. & Mech. Works	18.04
IV	Survey and Investigation charges @ Rs 350/- per acre for 400 acres	1.40
V	Establishment charges @ 15% on cost of Civil and Electrical & Mechanical works	54.10
VI	Service line charges including development charges and initial consumption deposit Payable to AP TRANSCO	20.81
VII	Maintenance charges of the scheme for two years	1.10
VIII	Capacity building / Sensitization of members of the beneficiary committee @ 0.50% on works	1.80
IX	Labour cess @ 1% on Civil, Electrical & Mech. works	3.61
X	NAC@ 0.1% on Civil, Electrical & Mech. works	0.36
XI	Provision for seigniorage charges	0.82
XII	Tender Publication charges	2.41
	Total Cost of the Project	465.15

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Annexure- XIV to G.O.Ms.No.4 , Water Resources(MIG) Dept., Dt: 10.01.2018

**IRLAPADU LIFT IRRIGATION SCHEME IN GUNTUR DISTRICT
GENERAL ABSTRACT**

Sl. No.	Item	Cost (Rs. in lakhs)
I	Civil Works	
1	Preliminaries	0.60
2	Intake Well	3.14
3	Intake pipe line	8.00
4	Sump Well	28.05
5	Pump House	109.25
6	Pressure Main	236.70
7	Main Delivery Cistern	15.75
8	Gravity Mains	19.15
9	Transformer Yard Civil Works	6.40
10	Approach Road	19.65
11	Construction of regulator on Canal	3.90
	Total cost of Civil works(I)	450.59
II	Electrical and Mechanical works	
1	Cost of 4 No's of 75HP HCF pump sets including cables, panels etc	42.05
2	Construction of Double Pole structure with 400 KVA transformer	7.90
	Total cost of Elec. & Mech. Works(II)	49.95
III	VAT @ 5% on cost of Civil, Elec. & Mech. works	25.03
IV	Survey and Investigation charges @ Rs 350/- per acre	4.41
V	Establishment charges @ 15% on Civil, Elec. & Mech. works	75.08
VI	Service line charges, Security Deposit, including development charges and ICD etc	32.00
VII	Maintenance Charges for Two years	2.34
VIII	Capacity building and sensitization of beneficiary committee @ 0.50 % on cost of works	2.50
IX	Labour cess @ 1% on Civil, Electrical & Mech. works	5.01
X	Corpus Fund for NAC @ 0.10% on Civil, Electrical & Mech. works	0.50
XI	Seigniorage charges of the Materials	2.49
XII	Provision for tender publication charges	1.82
XIII	CCA amount to be paid to SE/Irrigation circle/Guntur @ Rs.250/- hectare for 510 hectares (1260 Acres)	1.28
	Total Cost of the Project	653.00

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Annexure- XV to G.O.Ms.No.4, Water Resources(MIG) Dept., Dt: 10.01.2018

**RAJAPETA LIFT IRRIGATION SCHEME IN GUNTUR DISTRICT
GENERAL ABSTRACT**

Sl. No.	Item	Cost (Rs. in lakhs)
I	Civil Works	
1	Preliminaries	0.29
2	Intake Well	2.50
3	Intake pipe line	13.21
4	Sump Well	24.30
5	Pump House	48.45
6	Pressure Main	108.30
7	Main Delivery Cistern	4.23
8	Gravity Mains	66.55
9	Transformer Yard Civil Works	3.74
10	Approach Road	11.61
	Total cost of Civil works (I)	283.18
II	Electrical and Mechanical works	
1	Cost of 3 No's of 30HP HCF pump sets including cables, panels etc	11.65
2	Double Pole structure with 125 KVA transformer	5.75
	Cost of Elec. & Mechl Works(II)	17.40
III	VAT @ 5% on cost of Civil, Elec. & Mech. works	15.03
IV	Survey and Investigation charges @ Rs 350/- per acre for 551 acres	1.93
V	Establishment charges @ 15% on Civil, Electrical & Mech. works	45.09
VI	Service line charges, Security Deposit, including development charges and ICD etc	40.00
VII	Maintenance Charges for Two years	1.17
VIII	Capacity building and sensitization of beneficiary committee @ 0.50 % on cost of works	1.50
IX	Labour cess @ 1% on Civil, Electrical & Mech. works	3.01
X	Corpus Fund for NAC @ 0.10% of the project cost.	0.30
XI	Seigniorage charges of the Materials	1.58
XII	Provision for tender publication charges	1.25
XIII	CCA amount to be paid to SE/Irrigation circle/Guntur @ Rs.250/- hectare	0.56
	Total Cost of the Project	412.00

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Annexure- XVI to G.O.Ms.No.4 , Water Resources(MIG) Dept., Dt: 10.01.2018

**VELAMAVARIPALEM LIFT IRRIGATION SCHEME 1& 2 IN PRAKASAM DISTRICT
GENERAL ABSTRACT**

General Abstract		
Sl. No.	Description	Amount Rs. in Lakhs
I	Civil Works	
1	Preliminaries	0.28
2	Intake Well	3.51
3	Intake pipe line	15.08
4	Jack well cum pump House	96.17
5	Pressure Main -1	109.24
6	Pressure Main -2	90.55
7	Delivery Cisterns (MDC-1, MDC-2 & Intermediate DCs)	45.43
8	Gravity Mains	156.01
9	Transformer Yard Civil Works	5.68
10	Approach Road	24.07
11	Staff Quarters	11.79
	Total cost of civil works (I)	557.81
II	Electrical and Mechanical Works	
1	Cost of 2 Nos of 135 HP & 2 Nos of 80 HP VT Pump sets including cables, panels etc	68.86
2	Construction of six Pole structure with 315 KVA and 250 KVA transformers	26.91
	Total cost of Elec. & Mech. works (II)	95.77
III	VAT @ 5 % on cost of Civil, Mech & Electrical works	32.68
IV	Survey and Investigation charges @ Rs 350/- per acre for 1036 acres	3.63
V	Establishment charges @ 15% on Civil, Mech & Electrical works	98.04
VI	Service line charges including development charges and initial consumption deposit Payable to APSPDCL	65.50
VII	Maintenance charges of the scheme for two years	3.28
VIII	Capacity building and sensitization of members of Beneficiary committee @ 0.50 % on cost of works	4.34
IX	Labour cess @ 1% on Civil, Electrical & Mech. works	6.54
X	NAC @ 0.10% on Civil, Electrical & Mech. works.	0.70
XI	Provision for Seigniorage Charges	3.43
XII	Provision for Tender Publication charges	2.28
XIII	Non refundable fee payable to SE /Irrigation circle/Ongole	1.05
	Total Cost of the Project	875.05

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**Annexure- XVII to G.O.Ms.No.4 , Water Resources(MIG) Dept., Dt: 10.01.2018
KAMANUR – II LIFT IRRIGATION SCHEME IN KADAPA DISTRICT**

GENERAL ABSTRACT

Sl. No.	Item	Cost (Rs. in lakhs)
I	Civil Works	
1	Site Clearance	0.50
2	Intake Well	2.08
3	Intake pipe line	17.07
4	Sump Well	19.08
5	Panel Room	10.56
6	Pressure Main	45.86
7	Main Delivery cistern	3.16
8	Gravity Mains	36.53
9	Civil works in Transformer yard	3.05
10	Approach road	6.40
	Total cost of Civil works	144.29
II	Electrical and Mechanical works	
1	Supply & Fixing of 2 No of 20 HP Horizontal Submersible Mono Bloc Pump set including cost of panel board, erection tools, erection and commissioning with accessories, cables, M.S Pipes & Specials etc	17.95
2	DP Structure with 63 KVA Transformer	4.50
	Total cost of Electrical and Mechanical works	22.45
III	VAT 5% on Civil, Electrical & Mechanical works	8.34
IV	Survey and Investigation charges @ Rs 350/- per acre for 252 acres	0.88
V	Establishment charges @ 15% on cost of Civil and Electrical & Mechanical works	25.01
VI	Service line charges including development charges and initial consumption deposit Payable to AP TRANSCO	20.55
VII	Maintenance charges of the scheme for two years	1.10
VIII	Capacity building / Sensitization of members of the beneficiary committee @ 0.50% on works	0.83
IX	Labour cess @ 1% on Civil, Electrical & Mech. works	1.67
X	NAC@ 0.1% on Civil, Electrical & Mech. works	0.17
XI	Provision for Seigniorage charges	0.80
XII	Tender Publication charges	1.85
XIII	Non refundable fee payable to SE /IC/Kadapa	0.26
	Total Cost of the Project	228.20

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Annexure- XVIII to G.O.Ms.No.4 , Water Resources(MIG) Dept., Dt: 10.01.2018

**ZURRERU LIFT IRRIGATION SCHEME IN KURNOOL DISTRICT
GENERAL ABSTRACT**

Sl. No.	Item	Cost (Rs. in lakhs)
I	Civil Works	
1	Preliminaries	0.30
2	Head Wall	5.85
3	Intake pipe line	22.46
4	Sump Well	19.78
5	Pump House	127.07
6	Pressure Main	1360.64
7	Approach Road	15.21
8	Transformer Yard Civil Works	5.13
	Total cost of Civil works	1556.44
II	Electrical and Mechanical works	
1	Supply & Fixing of 3 No of 240 HP HCF Pump set including cost of panel board, MS pipes and specials, cables , valves etc	70.65
2	Cost of 8 pole Structure with 2 No's of 630 KVA Transformers	11.05
	Total cost of Electrical and Mechanical works	81.70
III	VAT 5% on Civil, Electrical & Mechanical works	81.91
IV	Survey and Investigation charges @ Rs 350/- per acre for 1514 acres	5.30
V	Establishment charges @ 15% on cost of Civil and Electrical & Mechanical works	245.72
VI	Service line charges including development charges and initial consumption deposit Payable to AP TRANSCO	87.00
VII	Maintenance charges of the scheme for two years	5.62
VIII	Capacity building / Sensitization of members of the beneficiary committee @ 0.50% on works	8.19
IX	Labour cess @ 1% on Civil, Electrical & Mech. Works	16.38
X	NAC@ 0.1% on Civil, Electrical & Mech. Works	1.64
XI	Provision for seigniorage charges	9.50
XII	Tender Publication charges	2.00
	Total Cost of the Project	2101.40

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Annexure- XIX to G.O.Ms.No. 4 , Water Resources(MIG) Dept., Dt: 10.01.2018

**SANGAPATNAM LIFT IRRIGATION SCHEME IN KURNOOL DISTRICT
GENERAL ABSTRACT**

Sl. No.	Item	Cost (Rs. in lakhs)
I	Civil Works	
1	Preliminaries	0.31
2	Head Wall	0.97
3	Intake pipe line	23.25
4	Jack Well cum Pump House	73.97
5	Pressure Main	92.50
6	Delivery Cistern	1.89
	Total cost of Civil works	192.89
II	Electrical and Mechanical works	
1	Supply & Fixing of 2 No of 25 HP VT Pump set including cost of panel board, MS pipes and specials, cables , valves etc	8.37
	Total cost of Electrical and Mechanical works	8.37
III	VAT 5% on Civil, Electrical & Mechanical works	10.06
IV	Survey and Investigation charges @ Rs 350/- per acre for 255 acres	0.89
V	Establishment charges @ 15% on cost of Civil and Electrical & Mechanical works	30.19
VI	Service line charges including development charges and initial consumption deposit Payable to AP TRANSCO	16.00
VII	Maintenance charges of the scheme for two years	1.10
VIII	Capacity building / Sensitization of members of the beneficiary committee @ 0.50% on works	1.01
IX	Labour cess @ 1% on Civil, Electrical & Mech. Works	2.01
X	NAC @ 0.10% on Civil, Electrical & Mech. Works	0.20
XI	Provision for seigniorage charges	0.62
XII	Tender Publication charges	1.99
	Total Cost of the Project	265.33

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Annexure- XX to G.O.Ms.No.4, Water Resources(MIG) Dept., Dt: 10.01.2018

**PEDDACHIGULLAREVU-2 LIFT IRRIGATION SCHEME IN ANANTHAPURAM DISTRICT
GENERAL ABSTRACT**

Sl. No.	Item	Cost (Rs. in lakhs)
I	Civil Works	
1	Infiltration wells	39.10
2	Pressure mains	84.26
3	Delivery cisterns	3.04
4	Gravity mains	19.69
5	Civil works of Transformer yard	3.04
	Total cost of Civil works	149.13
II	Electrical and Mechanical works	
1	Supply and erection of 8 Nos of 15 HP Submersible Monoblock pump sets, total of 120 HP capacity	7.41
2	MS Pipes, Specials and valves	7.73
3	DP structure with 125 KVA Transformer	6.11
4	LT Overhead lines from Panel board to I F Wells	10.93
	Total cost of Electrical & Mech works	32.18
III	VAT @ 5% on cost of Civil, Electrical & Mechanical works	9.07
IV	Survey and Investigation charges @ Rs 350/- per acre	1.12
V	Establishment charges @ 15% on cost of Civil and Electrical & Mechanical works	27.20
VI	Service line charges, security deposit Payable to AP TRANSCO	37.53
VII	Maintenance Charges for two years	1.34
VIII	Capacity building / Sensitization of members of the beneficiary committee @ 0.50% on works	0.91
IX	Labour cess @ 1% on Civil, Electrical & Mech. works	1.81
X	NAC@ 0.1% on Civil, Electrical & Mech. works	0.18
XI	Provision for Seigniorage charges	0.75
XII	Provision Tender Publication charges	1.78
	Total Cost of the Project	263.00

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